

ORDER

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

6850.14A

May 11, 1977

SUBJ: WARNING SIGN - LOW-IMPACT RESISTANCE STRUCTURES

1. PURPOSE. This order directs the installation of warning signs on or near low-impact resistance structures used with medium-intensity approach lighting systems with runway alignment indicator lights (MALSR).
2. DISTRIBUTION. This order is distributed to branch level in the Airway Facilities Service and to division level in the Flight Standards, Air Traffic, Logistics, and Systems Research and Development Services and Office of Airports Programs in Washington headquarters; to branch level in the Airway Facilities, Airports, Air Traffic, and Flight Standards divisions in the regions (except AEU); to the director level in NAFEC and the Aeronautical Center; and to Airway Facilities field offices having MALS or MALSR systems. *
- * 3. CANCELLATION. This order cancels Order 6850.14, dated 11/29/76. *
4. BACKGROUND. Low-impact resistance structures are required for MALSR systems in accordance with Order 6850.2, Visual Guidance Lighting Systems. FAA specification FAA-E-2604 and drawings D-6405 and D-6060 have been issued for providing such structures for MALSR systems 6' to 40' high. The approach lighting systems are located in clear zones along the extended runway centerline up to 2400 feet from the runway threshold. In some instances, public access to the towers cannot be restricted, since the towers are located off airport property. The low-impact resistance towers are not designed to withstand additional loads other than ice and windloads. A sign is required warning of personal danger involved in attempting to climb such structures.
- * 5. APPLICATION. Warning signs shall be used for all existing or future MALS and MALSR projects utilizing low-impact resistance structures procured in accordance with FAA specification FAA-E-2604. One warning sign per low-impact resistance structure is authorized for mounting in accordance with drawing B-6081. Site spares are not authorized. Sign requirements at future MALS and MALSR installations should be added to project material lists established in the Project Status Reporting System. Inquiries or comments regarding the drawing should be directed * to the Chief, Environmental Systems Division, AAF-500, Airway Facilities Service.

Distribution: WAF-3; WRD/AP/LG/FS/AT-2;
RAF/AT/FS/AS-3 (except AEU); NC-1;
Selected Airway Facilities Field Offices

Initiated By: AAF-560

- * 6. SOURCE OF MATERIALS. Warning signs fabricated in accordance with drawing B-6081 are stocked at the Depot under NSN 9905-01-030-88211 in project material inventory. Requests should be submitted in accordance with Handbook 4650.7, Management of Project Materiel. Field facilities should not submit requests directly to the Depot. *
7. DEVIATION FROM STANDARD. No deviation from the standard is authorized without prior approval of Director, Airway Facilities Service. Suggestions for modification or additional details should be brought to the attention of Chief, Environmental Systems Division, AAF-500.
8. DISTRIBUTION OF DRAWINGS. A reproducible copy of the drawing B-6081 is being forwarded to NAFEC; each region (except AEU), Attention: Airway Facilities Division; and two copies of each drawing to the Aeronautical Center, Attention: Chief, FAA Depot. Additional copies may be obtained from the Environmental Systems Division, Airway Facilities Service, Attention: AAF-510.



WARREN C. SHARP

Director, Airway Facilities Service